Caution of usage

Replacement of Battery: Model of battery:YX-Ni-CD-015144

Battery replacement of the Cleaner:

1. Press the Buckle on each edge of battery and then take out the battery vertically. (Refer to Figure 1 and Figure 2)
2. Please place the positive and negative electrode correctly for fear of the damage due to wrong electrode!
3. Please set the Cleaner in charging state to keep the best of the battery while the Cleaner is unused.

Figure 1

Figure 2

Battery replacement of the Space Isolator:

1. Release the screw with the screwdriver and then open its base plate. (Refer to Figure 1)
2. Please place the positive and negative Electrode correctly for fear of the damage due to wrong Electrode! (Refer to Figure 2)
3. The right place of battery. (Refer to Figure 3)
4. Please take out the battery if it was unused for long.

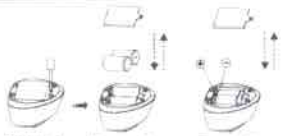


Figure 1 Figure 2 Figure 3

Battery replacement of the remote control:

1. Open the battery cover and then replace the battery. (Refer to Figure 1)
2. Please place the positive and negative electrode correctly for fear of the damage due to wrong electrode! (Refer to Figure 2)
3. Please take out the battery if it was unused for long.

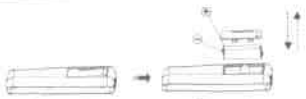


Figure 1 Figure 2

1. Please don't forget to take out the battery before discarding the Cleaner.
2. Please remember to turn off the switch before taking out the battery from the Cleaner and Space Isolator.
3. Please don't place the battery in the high-temperature environment above 45℃ or in the water.
4. Please don't exert external force to the battery or drop them from high place.
5. The battery should be recycled with safe disposal. Please don't discard it freely or throw it into fire for fear of explosion!
6. If the battery leakage, be careful avoid the liquid to skin or clothes, use dry mop to clean it touched and send the battery to recycle bin or maintenance service, don not throw anywhere.

Safety Precautions:

⚠ Caution

No one else can disassemble, maintain or transform the product except the maintenance technicians designated by our company, or it may cause fire, electric shock or personal injury.	Don't use other charger but the equipped one of the Robot, or it may cause product damage, electric shock or fire due to high voltage.
Don't touch high-voltage power cord of the electric appliance with your wet hand, or it may cause electric shock.	Don't bend the power cord overly or place weight on it, or it may cause power cord damage, fire or electric shock.
Don't twist your clothes or any part of your body (head, finger, etc.) into the brush or wheel of the Robot, or it may cause personal injury.	Don't approach cigarette, lighter, match and other heat objects or combustible materials such as the gasoline cleaner.

⚠ Attention

Don't forget to turn off the power while transporting or storing the cleaner for long, or the battery may be damaged.	Insert the power cord of the charger well or it may cause electric shock, short circuit, smoking or fire.
Check whether the charger and socket is connected well, or it may cause charging failure or even fire.	Remove all easily damaged objects (including luminous objects, fabrics, glass bottles, etc.) before using, or it may cause damage to these objects or affect the using of the cleaner.
Please use the Cleaner cautiously in the presence of the children to avoid frightening or harming them.	Don't stand or sit on the Cleaner, or it may cause damage to the Cleaner or personal injury.
Don't make the Cleaner take in water and other liquors for fear of the product damage.	Don't use the Cleaner on small tables and chairs or other small space, otherwise the Cleaner may be damaged.
Don't use the Cleaner outdoors, or it may cause the product damage.	Don't use the Cleaner in commercial places, or the Cleaner may be damaged by excessive use.
Don't leave movable thread, wire and other objects with the length of more than 150mm on the ground or the brush may be entangled.	
The Cleaner is not for use of the disabled (people with physical or mental handicap), children and those who use the Cleaner before reading the User Manual carefully.	

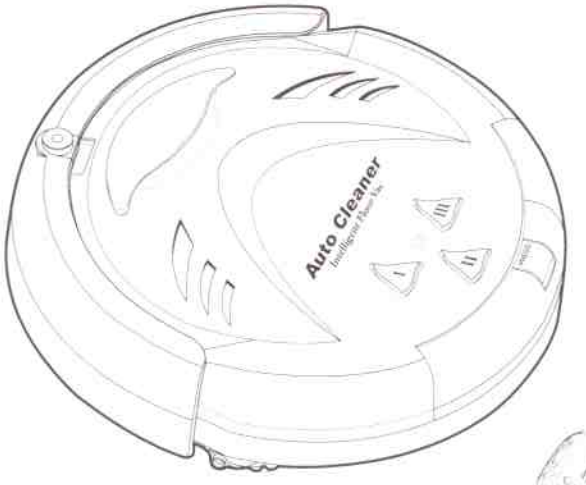
iTouchless®

INTELLIGENT CLEANER

AV002A

Auto Cleaner With Remote Controller

OPERATING MANUAL

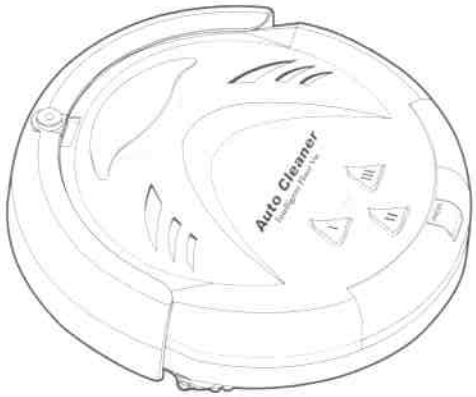


Dear customers,

Thank you for using our Intelligent Vacuum Cleaner!

The Intelligent Cleaner is our creation and manufactured by using our own mechanical electronic technology. It can be used widely in your family, office and entertainment places. Also it is hard to clean area where workers cannot easily access.With the help of this intelligent Cleaner, the quality of your life is enriched.

The Cleaner is only recommended for indoor use. It can be used to clean floor surfaces including hardwood, linoleum, tile and low pile carpets. If you want your hardwood or tile floor brighter, clean the brush after it cleans the floor, and then scoop up some liquid wax with the spoon and start the Cleaner again. The fashion flat design facilitates its cleaning under the sofa, table, and bed, etc. Its convenient remote control function enables a hands-free operation.



When you unpack the box, the Intelligent Cleaner will be included with the following attachments:

1. Battery Charger X 1
2. Rechargeable Battery Pack (Installed) X 1
3. Spoon X 1
4. Filter Mesh X 1
5. Remote Controller X 1
6. Side Brush X 1
7. Dust Brush X 1
8. Operating Manual X 1

Intelligent Cleaner

Remote Controller

Rechargeable Battery Pack

Dust Brush

Charger

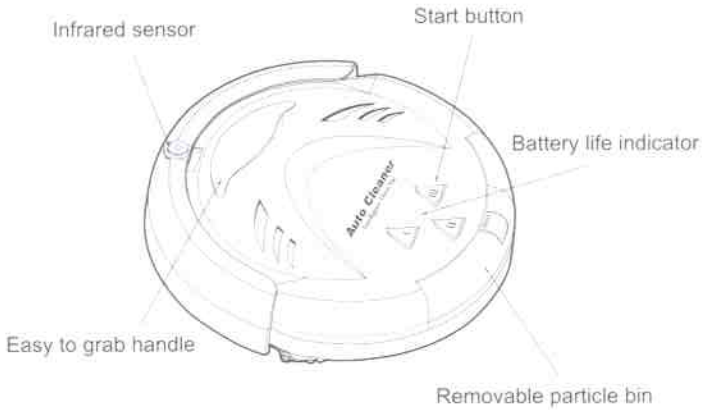
Side Brush

Spoon

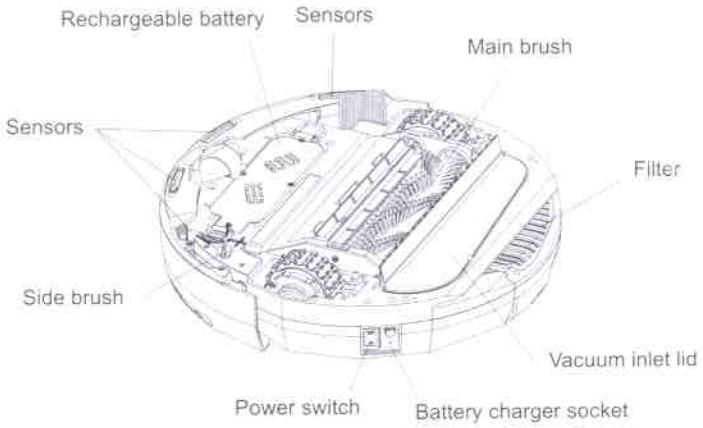
Filter Mesh

Intelligent Cleaner is installed with:

***When unit is operating, the side with sensor should move forward.



Surface



Bottom

After the introduction of the Intelligent Cleaner, please note the following operating procedures:

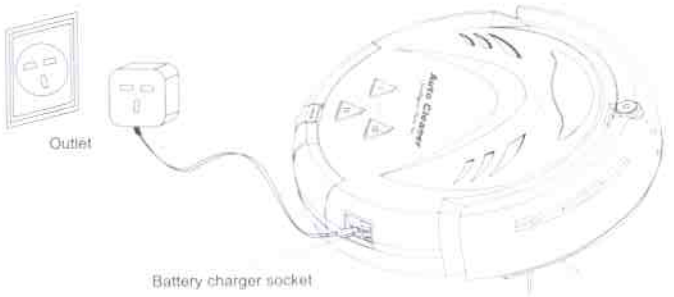
1. Please ensure the battery is fully charged before starting the Cleaner.
2. Please tidy unfixed articles on the floor before using the Cleaner, and keep it from the edge of the carpet and power lines, etc.
3. Turn on its main power start button, there are three start buttons: Spot, Clean and Max, representing three different cleaning modes.

A. Spot mode (Ⅰ): The Cleaner can make repeated screw type cleaning within the scope of 3 feet of diameter, focusing to clean a spot for 4 minutes. It's applicable for cleaning the room where it is dirty at partial places.

B. Clean mode (Ⅱ): The Cleaner will automatically clean the room for 30 minutes. The mode is applicable for cleaning a small room.

C. Max mode (Ⅲ): The Cleaner won't stop running until complete consumption of is the complete consumption of its power. The maximum working is 60 minutes.

4. When wrong start button is pressed, the other start switch needs to be pressed twice before cleaning.
5. The max working time for the Cleaner is about 45-60 minutes, which can meet the requirements for cleaning a normal room. If the battery power is about to run out, the battery life indicator will become red, and it will stop working. Charging of battery is needed.



Note on charging:

a. Firstly confirm whether the using voltage of charge confirms to the local one for unconformity will result in damages of charge and unit.

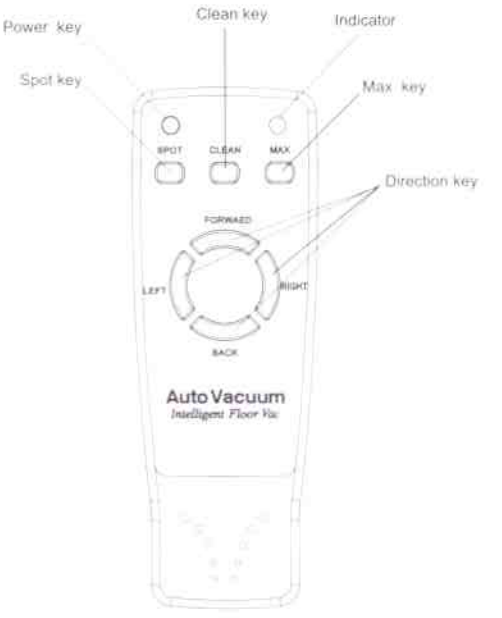
b. The power indicator on the panel will keep flashing during charging,and turn solid green from flashing green upon fully charging. then the charging should be stopped in case of damaging charger. Generally, the charging time is about 4-5 hours.

c. The charger should be stored in a dry and well-ventilated area, and can't be used in wet environments such as a bathroom, etc. in case of any dangers.

d. It's strictly forbidden to throw the charger or directly pull out the power line with hand for inserting or pulling out the charger.

e. In order to prolong the service life of the battery, it should be charged for 8-9 hours for the first use or when being used again after a long time. It only can reach its best performance after 2-3 circles for charging and discharging.

Use the infrared remote controller by referring to the following drawing:



The cleaner can be controlled to clean by the infrared remote controller. As shown in the above drawing,the three keys: Spot, Clean and Max work respectively for the three work modes. Using the direction keys, it can control the cleaners' movement. The P key is for powering on/off. If you press the P key, the indicator light on the unit will turn off, and the Cleaner will enter Sleep mode, which will save energy while in its non-operating state. If you press the P key again, indicator light on the unit will turn on, and the Cleaner will enter the Standby mode, while waiting for the next command.

The Intelligent cleaner is user-friendly with very little maintenance required after use.To ensure optimal performance please observe the following procedures:

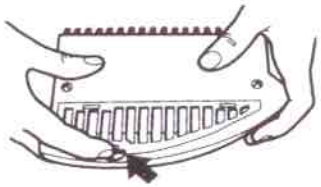
Empty the removable particle bin by following two procedures below:

1. Empty the bin

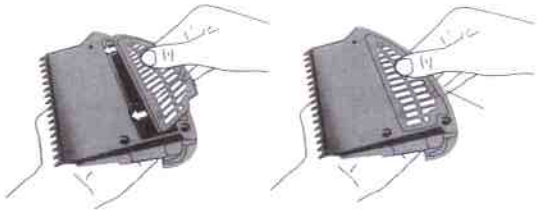
a. Turn off the power switch.
b. Press down the bin clip and pull out the bin as shown in the following illustrations below:
c. Clear the bin.
d. Press down the clip on the bin to insert the bin back to the unit.

2. Clean the filter mesh

a. Turn the bin upside down.
b. Press the bottom slightly, take the filter mesh out as shown in the following illustration:



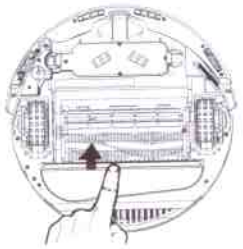
c. Clear the dirt on the filter mesh.
d. Fit the filter mesh back to the bin.



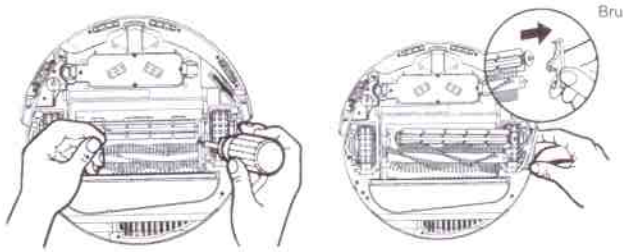
Press the clip slightly and put the bin back to the Cleaner.

Clean the main brushes of the Cleaner

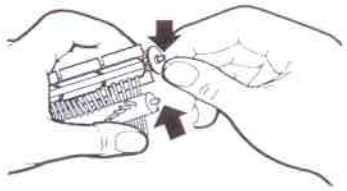
1. Turn off the power switch and put the Cleaner on a flat surface with its bottom side up.



2. Use cross head screwdriver to remove the fixing screw on the right, and then take out the main brush, rubber brush and brush coupler together as shown in the following drawing.



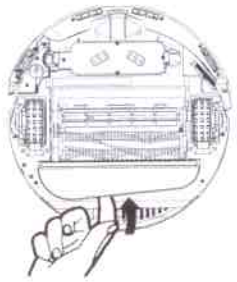
3. Clean the chamber where the brush is located and the contaminants on brush and rubber brush.
4. Wipe out dirt on the metal shaft and bearing of the brush coupler and the brushes (this may not be necessary to do after every cleaning) as per the following drawings. If necessary, you may add a little lubricant to it.



5. Put the brush coupler and brushes back and tighten the screw.

Clean the vacuum inlet lid

1. Turn off the power switch; turn the Cleaner upside down on a flat surface.
2. Take the Vacuum Inlet Lid out as per following drawing:
3. Clean the Vacuum Inlet Lid and the fan-shaped mechanism to ensure good ventilation.
4 .Guide the hinge tabs on the Vacuum Inlet Lid back into their holes carefully.



Method for replacement of side brush

The side brush is consumable. See the following picture for the replacement method.

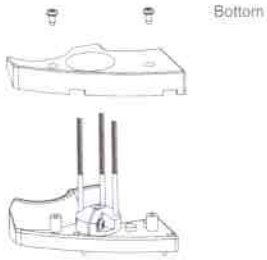


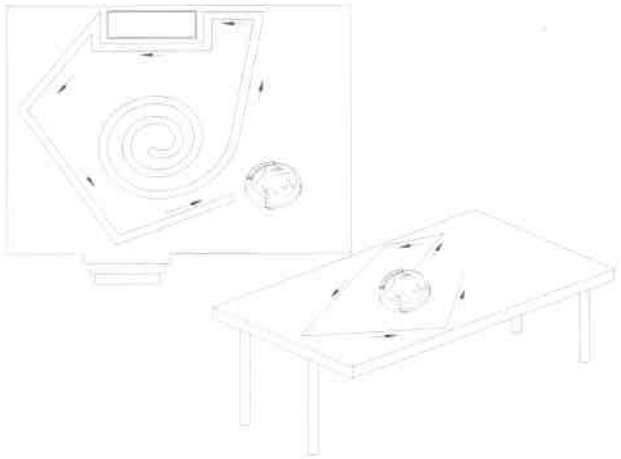
Fig. 1

Fig. 2

1. Remove the two screws as per the Fig.1.
2. Turn the side brush to the extent that the screwdriver can be inserted as per the Fig.2, loosen the screw, take off the old brush and replace with new one.
3. Install the side brush and bottom housing in reverse order.

Intelligent path judgment

The cleaner is intelligently controlled so that it operates powerfully to avoid any obstruction and also from falling down from the edge of the table, staircase or pathway.



Caution Please remove small objects such as a vase, small paper box etc, which can be knocked down by cleaning. Please must clear these items first before the Cleaner can carry out its work.

The Intelligent Cleaner is a vacuum cleaning device which can control dust, making it a wonderful cleaning assistant. Attention should be paid to the following points:

1. It is switched on but stops after the short music plays. Then this may mean the battery is low or off and charging is needed.
2. Please do not use the Cleaner on medium and high-pile carpets.
3. Avoid using the Cleaner where there are objects such as clothing, power cords, towels, etc. These things may entangle the brushes of the Cleaner.
4. Turn off the power when not in use, and make sure the unit is fully charged if it has not been used for a long period of time. Take battery out of the unit and store the battery and unit in a cooler place when it's not being used. Keep the bottom of the cleaner dry and clean

Troubleshooting:

1. What should we do if the Cleaner is dropped down from the edge of stairs?
   Solution: Wipe away the dust for the probe at the bottom of the front plate with a dry cloth.

2. The cleaner and light turn on, however, no movement
   - Make sure no obstacles in pathway
   - Check if carpet is under 1 inch
   - Clean off debris from brushes
   - Clean out trash compartment
   - Clean sensors with a damp and dry cloth
   - Try all 3 modes
   - Charge overnight

3. Will run for a few minutes, then turn off
   - Check for any obstacles in the way
   - Try to run mode 3
   - Charge overnight

4. No light, no response
   - Check if unit is flashing green while charging
   - Charge overnight

5. Cannot charge battery
   - Make sure battery installed correctly
   - Check the connection

6. Will not run from one surface to another
   - Check if carpet is under 1 in
   - Make sure no obstacles in pathway
   - Remove sidebrush and try again

7. Cleaner stays in one place and rotates
   - Make sure no obstacles in pathway
   - Clean off brushes

Intelligent Robotic Vacuum Cleaner PRO

Any Problem? DO NOT RETURN TO STORE.
Call 1-800-660-7978 or e-mail us at service@itouchless.com

ONE (1) YEAR LIMITED WARRANTY

iTouchless warrants the Intelligent Robotic Vacuum Cleaner PRO unit to be free from defects in material and workmanship, given normal use and care, for 1 year from the date of the original receipt with proof of purchase within the United States or Canada. iTouchless will only honor warranty requests from orders placed with our authorized dealers. Items sold as used, floor sample or refurbished are sold solely under the terms and conditions of the selling party, iTouchless will not warrant such purchase.

We will repair or replace the Intelligent Robotic Vacuum Cleaner PRO unit thereof which fails as the result of such a defect during the warranty period. If a replacement is sent, it will carry the remaining warranty of the original product.

This warranty is the customers' exclusive remedy for product defect and does not apply to:

- User modification
- Attachments to product by user that causes damage
- Damage caused by abuse, misuse, accident, water or theft
- Physical Damage
- Loss of parts

Except as stated above, iTouchless makes no express or implied warranties as to any products, in particular, makes no warranty of merchantability or of fitness for any particular purpose. iTouchless shall not be liable for consequential or incidental damages arising from any product defect. Our liability is limited to the replacement of any defective product. iTouchless expressly disclaims all warranties not satisfied in this limited warranty. Any implied warranties that may be imposed by law are limited to the terms of this limited warranty. All Accessories Parts including Charger and Battery are not covered by this warranty.

If the Intelligent Robotic Vacuum Cleaner PRO unit should fail during the warranty period, visit our website at www.iTouchless.com to request a Repair # before returning to us. We WILL NOT ACCEPT packages without the Repair #. Remember to return package FREIGHT PREPAID by an insured carrier such as UPS or FedEx and include a check of $19.95 for return postage. Extra $10.00 should be added to return postage when requesting repaired item to be shipped to Canada. We will not pay for any return postage fee.

Return Address:
iTouchless Housewares and Products, Inc.
3151 Diablo Avenue
Hayward, CA 94545
USA

Subject to the above conditions, we will repair or ship a working Intelligent Robotic Vacuum Cleaner PRO unit within 30 business days after receipt.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state and province to province. For more information, please visit our website at www.iTouchless.com.